

AX The piezoelectric actuator 1 is introduced into a hollow body, mould, shape or form 2. The hollow body or mould 2 is, for example, a sleeve with an annular cross section or a rectangular-section tube profile. The hollow body or mould 2 is preferably matched in shape to the shape of the piezoelectric actuator 1. As shown in Fig. 1, the hollow body or mould 2 contacts the piezoelectric actuator 1. A bottom end of the piezoelectric actuator 1 rests on a bottom cover plate 4, which is force-lockingly and/or form-lockingly connected to the hollow body or mould 2. In this illustrative embodiment, the bottom cover plate 4 is form-lockingly connected to the hollow body or mould 2 by a weld 5. A form-locking connection is one which connects two elements together due to the shape of the elements themselves, as opposed to a force-locking connection, which locks the elements together by force external to the elements. --

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In the Claims:

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Claim 1 (amended). A piezoelectric assembly, comprising:

AX an elastic hollow body with an elasticity;  
a top cover plate connected to said hollow body by one of welding and flanging, and a bottom cover plate connected to said hollow body; and